Table of Contents (Vol. 105)

Number 1 – September 1991

Editorial Note vii

Research papers

Cardiomyopathy, mental retardation, and autophagic vacuolar myopathy. Abnormal MRI findings in the head
N. Kashio, F. Usuki, T. Akamine, S. Nakagawa, I. Higuchi, K. Nakahara, A. Okada, M. Osame and F. Murata (Japan) 1

Human brain lectin immunoreactive material in cerebrospinal fluids determined by enzyme immunoassay (EIA)
H. Eloumami, M. Caron, R. Joubert, C. Doinel and D. Bladier (France) 6

Palatal myoclonus following Behçet's disease ameliorated by ceruletide, a potent analogue of CCK octapeptide
Y. Iwasaki, M. Kinoshita, K. Ikeda and T. Shiojima (Japan) 12

Skein-like inclusions in the anterior horn cells in motor neuron disease
H. Mizusawa, H. Nakamura, I. Wakayama, S.-H.C. Yen and A. Hirano (Japan) 14

Histometric study of myelinated fibers in the human trigeminal nerve
E. Pennisi, G. Cruccu, M. Manfredi and G. Palladini (Italy) 22

Herpes simplex virus infection in populations of mouse dorsal root ganglion neurons: effects of inoculation route and virus strain
D.B. Henken and J.R. Martin (U.S.A.) 29

Influence of stimulus repetition rate on cortical somatosensory potentials evoked by median nerve stimulation: implications for generation mechanisms
J. Huttunen and V. Hömberg (F.R.G., Finland) 37

Degeneration and subsequent regeneration of mouse skeletal muscle after a single injection of chlorpromazine: changes in mitochondrial calmitine and calcium content
N. Schmitt, B. Lucas-Héron, B. Ollivier and J.-M. Mussini (France) 44

Disuse of anterior tibial muscle during locomotion and increased proportion of type II fibres in hemiplegia
F. Jakobsson, L. Edström, L. Grimby and L.E. Thornell (Sweden) 49

Biological markers of oxidative stress in mitochondrial myopathies with progressive external ophthalmoplegia
G. Piccolo, P. Banfi, G. Azan, R. Rizzuto, R. Bisson, D. Sandoná and G. Bellomo (Italy) 57

Analysis of factors of relevance to rapid clinical progression in HTLV-I-associated myelopathy
Y. Kuroda, F. Fujiyama and F. Nagumo (Japan) 61

In vitro contraction test for malignant hyperthermia in patients with unexplained recurrent rhabdomyolysis
P.J.E. Poels, E.M.G. Joosten, R.C.A. Sengers, A.M. Stadhouders, J.H. Veerkamp and A.A.G.M. Benders (The Netherlands) 67

Amyotrophic lateral sclerosis patients living beyond respiratory failure
H. Hayashi, S. Kato and A. Kawada (Japan) 73

Immunocytochemical analysis of dystrophin in congenital muscular dystrophy
E. Arikawa, T. Ishihara, I. Nonaka, H. Sugita and K. Arahata (Japan) 79

Localization of mitochondrial DNA in normal and pathological muscle using immunological probes: a new approach to the study of mitochondrial myopathies
F. Andreetta, H.-J. Tritschler, E.A. Schon, S. DiMauro and E. Bonilla (U.S.A.) 88

Riboflavin responsive multiple acyl-CoA dehydrogenase deficiency: functional evaluation of recovery after high dose vitamin supplementation
D. Peluchetti, C. Antozzi, S. Roi, S. DiDonato and F. Cornelio (Italy) 93

Cellular immune surveillance against HTLV-I infected T lymphocytes in HTLV-I associated myelopathy/tropical spastic paraparesis (HAM/TSP)
K. Fujihara, Y. Itoyama, F. Yu, C. Kubo and I. Goto (Japan) 99

Antibodies to sulfated glycolipids in Guillain-Barré syndrome
A.A. Ilyas, F.A. Mithen, M.C. Dalakas, M. Wargo, Z.-W. Chen, L. Bielory and S.D. Cook (U.S.A.) 108

Immunological specificity and cross-reactivity of anti-acetylcholine receptor and anti-presynaptic membrane receptor antibodies in myasthenia gravis
B.-G. Xiao, C.-Z. Lu, B. Höjeberg and H. Link (Sweden) 118

Letter to the Editor

Determination of GABAergic pallidothalamic termination in human brain
H. Aizawa, S. Kwak, T. Shimizu and T. Mannen (Japan) 124

Book reviews and books received 126

News and Notes 129

Publisher's announcement 130

Number 2 – October 1991

Research papers

Astroglyosis in von Economo's and postencephalitic Parkinson's diseases supports probable viral etiology
T.S. Elizan and J. Casals (U.S.A.) 131

Mast cells in brains during experimental allergic encephalomyelitis in Lewis rats
L. Bø, T. Olsson, H. Nyland, P.G. Krüger, A. Taule and S. Mørk (Norway, Sweden) 135

Analysis of prognostic factors in thymectomized patients with myasthenia gravis: correlation between thymic lymphoid cell subsets and postoperative clinical course
N. Fujii, Y. Itoyama, M. Machi and I. Goto (Japan) 143

Discrete lesions in the sensorimotor control system. A clinical-topographical study of lacunar infarcts
J. Boiten and J. Lodder (The Netherlands) 150

Influence of age, gender, height and education on vibration sense. A study by tuning fork in 192 normal subjects
G. De Michele, A. Filla, N. Coppola, A. Bisogno, L. Trombetta, F. Santorelli and G. Campanella (Italy) 155

Upbeat nystagmus: clinicopathological and pathophysiological considerations
G. Hirose, J. Kawada, K. Tsukada, A. Yoshioka and J.A. Sharpe (Japan, Canada) 159

The effect of pancreatic islet transplantation on experimental diabetic neuropathy
S.T. Britland, O. von Zimmermann, A.K. Sharma, R.G. Bretzel and K. Federlin (U.K., Germany, United Arab Emirates) 168

Effects of 4-aminopyridine on protein phosphorylation in heat-blocked peripheral nerve
S.G. Eliasson and W.W. Monafo (U.S.A.) 175

Increased growth of myoblasts from hypertrophic muscles in syringomyelia
C. Delaporte, G. Defer, C. Diaz, R. Gherardi, B. Dautréaux and J.-D. Degos (France) 183

Gangliosides of human cerebrospinal fluid in various neurologic diseases
M. Trbojevic-Cepe, I. Kracun, A. Jusic and I. Pavlicek (Yugoslavia) 192

Fibronectin in plasma and CSF: evidence for its intrathecal synthesis
A. Gervais and E. Schuller (France) 200

Distribution of calcium in central nervous system tissues and bones of rats maintained on calciumdeficient diets
M. Yasui, Y. Yase and K. Ota (Japan) 206

Enhanced proteolytic activities in cultured fibroblasts of Alzheimer patients are revealed by peculiar transketolase alterations
F. Paoletti and A. Mocali (Italy) 211

Genetic biochemical and pathophysiological characterization of a familial mitochondrial encephalomyopathy (MERFF)
P. Seibel, F. Degoul, G. Bonne, N. Romero, D. François, M. Paturneau-Jouas, F. Ziegler, B. Eymard, M. Fardeau, C. Marsac and B. Kadenbach (Germany, France) 217

Regional distribution of somatostatin receptor binding and modulation of adenylyl cyclase activity in Alzheimer's disease brain
L. Bergström, A. Garlind, L. Nilsson, I. Alafuzoff, C.J. Fowler, B. Winblad and R.F. Cowburn (Sweden) 225

Arabinitol enantiomers in cerebrospinal fluid
B. Christensson and J. Roboz (U.S.A.) 234

The molecular genetics of familial Creutzfeldt-Jakob disease in France
P. Brown, L.G. Goldfarb, F. Cathala, A. Vrbovská, M. Sulima, A. Nieto, C.J. Gibbs, Jr. and D.C. Gajdusek (U.S.A., France) 240

Author index (Vol. 105) 247

Subject index (Vol. 105) 249

Contents of Volume 105 251